Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

LIST OF COMMITTEES

PUBLICATION COMMITTEE

ROBERT B. MORSE, Chairman, 16 W. Saratoga St., Baltimore, Md.
WILLIAM W. BRUSH, 2455 Municipal Building, New York, N. Y.
SETH M. VAN LOAN, 702 City Hall, Philadelphia, Pa.
HARRY E. JORDAN, 113 Monument Circle, Indianapolis, Ind.
ABEL WOLMAN, Editor, 16 West Saratoga St., Baltimore, Md.

FINANCE COMMITTEE

GEORGE C. ANDREWS, Chairman, Water Commissioner, Buffalo, N. Y.
J. WALTER ACKERMAN, Supt. Water Board, Watertown, N. Y.
CHARLES R. HENDERSON, Manager Water Co., Davenport, Ia.

MEMBERSHIP COMMITTEE

THEODORE A. LEISEN, Chairman, Water Works Park, Detroit Mich.
ROBERT J. HARDING, Vice-President Water Co., San Antonio, Tex.
BURTON LOWTHER, Chf. Engr. and Genl. Supt. Water Works, Denver, Colo.

CONVENTION COMMITTEE

HARRY F. HUY, 704 Electric Building, Buffalo, N. Y.
EDWARD E. WALL, Water Commissioner, 312 City Hall, St. Louis Mo.
J. M. DIVEN, Secretary, 153 West 71st St., New York, N. Y.

PRIVATE FIRE PROTECTION SERVICES

NICHOLAS S. HILL, JR., Chairman, 112 East 19th St., New York, N. Y.
GEORGE G. EARL, 402 Swge. and Water Bd. Bldg., New Orleans, La.
E. V. FRENCH, M. E., 31 Milk St., Boston, Mass.
FRANK C. JORDAN, 113 Monument Circle, Indianapolis, Ind.
WALTER E. MILLER, 413 Pioneer Block, Madison, Wis.

REPRESENTATIVES IN AMERICAN COMMITTEE ON ELECTROLYSIS

ALFRED D. FLINN, Chairman, 29 W. 39th St., New York, N. Y.
EDWARD E. MINOR, Supt. Water Co., New Haven, Conn.
NICHOLAS S. HILL, JR., 112 East 19th St., New York, N. Y.

STANDARD SPECIFICATIONS FOR WATER METERS

CALEB M. SAVILLE, Chairman, Manager Water Works, New Haven, Conn.
DOW R. GWINN, President Water Co., Terre Haute, Ind.
ROBERT J. THOMAS, 85 Eleventh St., Lowell, Mass.
SETH M. VAN LOAN, 702 City Hall, Philadelphia, Pa.

STANDARD BRASS FITTINGS

WILLIAM R. EDWARDS, Chairman, 158 Ellison St., Paterson, N. J.
J. WALTER ACKERMAN, Supt. Water Board, Watertown, N. Y.
SETH M. VAN LOAN, 702 City Hall, Philadelphia, Pa.

STANDARD FORM OF CONTRACT

J. WALDO SMITH, Chairman, Chf. Engr. Board Water Supply, Municipal Building, New York, N. Y.
THEODORE A. LEISEN, Water Works Park, Detroit, Mich.
JOHN N. CHESTER, Union Bank Bldg., Pittsburgh, Pa.
HENRY P. BOHMAN, Supt. Water Works, Milwaukee, Wis.
CHARLES R. GOW, West Roxbury, Mass.
CARLETON E. DAVIS, Chief Bureau of Water, Philadelphia, Pa.
THOMAS H. WIGGINS, Scarsdale, N. Y.
G. A. ELLIOTT, 1270 Sacramento St., San Francisco, Calif.
JOHN M. GOODELL, Secretary. 106 Lorraine Ave., Upper Montclair, N. J.

STANDARDIZATION OF PIPE FLANGES AND FITTINGS

FRANK A. BARBOUR, Representative on Sectional Committee under American Engineering Standards Committee.

STANDARDIZATION COUNCIL

GEORGE W. FULLER, Chairman, 170 Broadway, New York, N. Y.
GEORGE A. JOHNSON, 150 Nassau St., New York, N. Y.
FRANK A. BARBOUR, 1120 Tremont Building, Boston, Mass.
EDWARD BARTOW, State University, Iowa City, Ia.
GEORGE C. WHIPPLE, Harvard University, Cambridge, Mass.
MALCOLM PIRNIE, Secretary, 30 East 42nd St., New York, N. Y.

TOPICS AND PERSONNEL OF STANDARDS COMMITTEES

1. *Standard Methods of Water Analysis*
   JACK J. HINMAN, JR., Chairman, Iowa City, Ia.
   E. M. CHAMOT, Cornell University, Ithaca, N. Y.
   MACHARVEY MCCRADY, Province Quebec Board of Health, 59 Notre Dame, East, Montreal, Que.
   H. A. WHITTAKER, State Board of Health, Minneapolis, Minn.
   ABEL WOLMAN, 16 West Saratoga St., Baltimore, Md.
   H. W. CLARK, Dctr. Wtr. & Swge. Labs., Dept. Pub. Hlth., Boston, Mass.
   DR. WILLIAM MANSFIELD CLARK, Hyg. Labs. U. S. P. H. Svce. 25th & E Sts., Washington, D. C.
2. *Standards for Satisfactory Drinking Water*
   A. W. FREEMAN, Chairman, Johns Hopkins University, Baltimore, Md.
   N. J. HOWARD, Dept. Pub. Health, Toronto, Ont.
   HARRY E. JORDAN, 113 Monument Circle, Indianapolis, Ind.
   MACHARVEY MCCRADY, Province of Quebec Board of Health, 59 Notre Dame, East, Montreal, Que.
   G. E. WILLCOMB, Water Department, Albany, N. Y.
3. *Practical Ranges In Load Factors For Purification Plants*
   EDWARD E. WALL, Chairman, Water Commissioner, St. Louis, Mo.
   CHARLES G. HYDE, University of California, Berkley, Calif.
   SETH M. VANLOAN, 702 City Hall, Philadelphia, Pa.
   RICHARD MESSER, State Dept. of Health, Richmond, Va.
   F. HOLMAN WARING, State Board of Health, Columbus, Ohio.

4. *Colloid Chemistry In Relation To Water Purification*
ROBERT SPURR WESTON, C.E., Chairman, 14 Beacon St., Boston, Mass.
LEWIS I. BIRDSALL, Supt. Filter Plant, Minneapolis, Minn.
A. M. BUSWELL, University of Illinois, Urbana, Ill.
JOSEPH W. ELLMS, 1263 Cook Ave., Lakewood, Cleveland, O.
F. W. GREEN, Supt. Filtration Plant, Little Falls, N. J.
FRANK E. HALE, Ph. D., Director Mount Prospect Laboratory, Brooklyn, N. Y.
CHARLES P. HOOVER, Chemist Filtration Plant, Columbus, O.
MALCOLM PIRNIE, 30 East 42nd St., New York, N. Y.
J. L. PORTER, Water Board, New Orleans, La.
A. U. SANDERSON, Supt. Filtration Plant, Toronto, Ont.
MILTON F. STEIN, 6753 Lafayette Ave., Chicago, Ill.
ABEL WOLMAN, 16 West Saratoga St., Baltimore, Md.
R. E. TARBETT, U. S. P. H. Service, 3rd and Kilgour Sts., Cincinnati, O.

5. *Watershed Protection*
THEODORE DeL. COFFIN, Chairman, Mt. Kisco, N. Y.
WILLIAM V. LOCKE, Metrop. Water Board, Boston, Mass.
REEVES J. NEWSOM, Water Commissioner, Lynn, Mass.
FRED M. RANDLETT, Chf. Engr. Water Bureau, Portland, Ore.
HERMAN ROSENTRETER, Engr. Water Supplies, Newark, N. J.

6. *Industrial Wastes In Relation To Water Supply*
ALMON A. FALES, Chairman, 14 Beacon St., Boston, Mass.
WELLINGTON DONALDSON, 36 Jarvis Pl., Lynbrook, N. Y.
C. A. EMERSON, JR., Chf. Engr. State Dept. of Health, Harrisburg, Pa.
HARRY B. HOMMON, United States Public Health Service, San Francisco, Cal.
F. W. MOHLMAN, Sanitary Dist., 7442 Bennett Ave., Chicago, Ill.
JAMES A. NEWLANDS, Sanitary Engr., Hartford, Conn.

7. *Pumping Station Betterments*
LEONARD A. DAY, Chairman, 34 East Grand Ave., St. Louis, Mo.
C. H. ANDERSON, c/o Water Dept., Cincinnati, O.
JOHN N. CHESTER, Union Bank Bldg., Pittsburgh, Pa.
L. A. QUAYLE, Water Department, Cleveland, O.

8. *Physical Standards For Distribution Systems*
G. GALE DIXON, Chairman, 102 E. Mill St., Akron, O.
J. ARTHUR JENSEN, Supt. Water Works Dept., Minneapolis, Minn.
E. E. LAMPHEER, Distb. Dept., Pittsburgh, Pa.
V. BERNARD SIEMS, City Water Dept., Baltimore, Md.
W. Z. SMITH, Genl. Mgr. Water Works, Atlanta, Ga.

9. *Standard Specifications For Cast Iron Pipe And Specials*
FRANK A. BARBOUR, Chairman, 1120 Tremont Bldg., Boston, Mass.
WALTER WOOD, President Millville Water Co., Philadelphia, Pa.
EDWARD E. WALL, Water Commissioner, St. Louis, Mo.
N. F. S. RUSSELL, 1421 Chestnut St., Philadelphia, Pa.
WILLIAM C. HAWLEY, 712 South Ave., Wilkinsburg, Pa.
WILLIAM W. BRUSH. 2455 Municipal Bldg., New York, N. Y.

10. *Standardization Of Services*
J. M. DIVEN, Chairman, 153 West 71st St., New York, N. Y.
BERNARD J. BLEISTEIN, 240 Jamaica Ave., Long Island City, N. Y.
GEORGE READ, c/o Water Dept., Los Angeles, Calif.
M. C. WHIPPLE, Harvard University, Cambridge, Mass.

11. *Sanitary Fountains*
JOHN H. DUNLAP, Chairman, State University, Iowa City, Ia.
J. H. DUNWOODY, Supt. Water Dept., Erie, Pa.
RALPH HILSCHER, State Board of Health, Berkley, Calif.
W. MONTGOMERY MITCHELL, Asst. Supt. Water Board, Detroit, Mich.
SHEPPARD T. POWELL, Chemist Baltimore County Water Co., 100 W. Fayette St., Baltimore, Md.

12. *Testing Of Water Works Materials And Supplies*
JOHN H. GREGORY, Chairman, Johns Hopkins University, Baltimore, Md.
GEORGE G. EARL, Genl. Supt. Sewage and Water Board, New Orleans, La.
AUGUST V. GRAF, Chemist Water Works, St. Louis, Mo.
F. A. MCINNES, Divn. Engr. Public Works Dept., Boston, Mass.
L. E. STROTHMAN, 120 Reservoir Ave., Milwaukee, Wis.

13. *Methods And Records Of Water Waste Control*
WILLIAM W. BRUSH, Chairman, 2455 Municipal Bldg., New York, N. Y.
GEORGE C. ANDREWS, Water Commissioner, Buffalo, N. Y.
HENRY P. BOHMAN, Supt. Water Works, Milwaukee, Wis.
EDWARD S. COLE, 50 Church St., New York, N. Y.
CHARLES S. FOREMAN, Supt. Water Works, Kansas City, Mo.

14. *Steps Toward Standardizing Stated Quantities for Slides in Meter Schedules*
ALLEN HAZEN, Chairman, 30 East 42nd St., New York, N. Y.
THEODORE A. LEISEN, Water Works Park, Detroit, Mich.
BURTON LOWTHER, Supt. Water Works, Denver, Colo.
GEORGE N. SCHOONMAKER, Constn. Div. Water Dept., Toledo, O.
ISSAC WALKER, Mgr. New Chester Water Co., 594 Drexel Bldg., Philadelphia, Pa.

15. *Practical Standards of Rules and Regulations of Relations Between Water Works and Consumers*
FRANK C. JORDAN, Chairman, 113 Monument Circle, Indianapolis, Ind.
GEORGE W. BIGGS, JR., 50 Broad St., New York, N. Y.
G. A. ELLIOTT, 1270 Sacramento St., San Francisco, Calif.
D. W. FRENCH, Supt. Hackensack Water Co., Weehawken, N. J.
CHARLES R. HENDERSON, Manager Water Co., Davenport, Ia.
WALTER E. MILLER, 413 Pioneer Blk., Madison, Wis.

16. *Essential Data for Water Records and Reports*

A. *Municipal Plants:*
GEORGE H. FENKELL, Chairman, Supt. Board Water Commissioners, Detroit, Mich.
CARLETON E. DAVIS, Chief Bureau of Water, Philadelphia, Pa.

CHARLES S. DENMAN, Manager Water Co., Des Moines, Ia.
CHARLES A. FINLEY, Manager Bureau of Water, Pittsburgh, Pa.
R. B. HOWELL, Genl. Mgr. Wtr. Bd., Omaha, Neb.

B. *Privately Owned Plants:*
JOHN N. CHESTER, Chairman, Union Bank Bldg., Pittsburgh, Pa.
DOW R. GWINN, Prest. Water Co., Terre Haute, Ind.
ALLAN W. CUDDEBACK, Supt. Passaic Water Co., Paterson, N. J.
ROBERT J. HARDING, V. Prest. Water Co., San Antonio, Tex.
FRANK C. KIMBALL, Secty. Commonwealth Water and Light Co., Summit, N. J.

17. *Committee on Abstracts:*
ALMON L. FALES, Chairman, 14 Beacon St., Boston, Mass.
JOHN N. CHESTER, Union Bank Building, Pittsburgh, Pa.
FRANK C. JORDAN, 113 Monument Circle, Indianapolis, Ind.
ROBERT SPURR WESTON, 14 Beacon St., Boston, Mass.
ABEL WOLMAN, 16 West Saratoga St., Baltimore, Md.

List of Publications to be Abstracted

Publication	*Articles to be abstracted selected by*
Affiliated Engineering Societies of Minnesota—Bulletin	A. L. FALES
American Association of Engineers—Monad	A. L. FALES
American City	A. WOLMAN
American Electro-Chemical Society—Proceedings	A. WOLMAN
American Forestry	R. S. WESTON
American Medical Association—Annual Index	A. L. FALES
American Meteriological Society—Publications	A. WOLMAN
American Public Health Association—Journal	A. L. FALES
American Society for Testing Materials—Proceedings	A. L. FALES
American Society of Civil Engineers—Proceedings	J. N. CHESTER
American Society for Municipal Improvements—Proceedings	R. S. WESTON
Board of Fire Underwriters—Reports	F. C. JORDAN
Boston Society of Civil Engineers—Journal	R. S. WESTON
Canada-Department of the Interior—Water Supply Bulletins	A. L. FALES
Canadian Engineer	A. WOLMAN
Canadian Water Works Association—Journal	R. S. WESTON
Connecticut Association of Civil Engineers—Proceedings	A. L. FALES
City Reports (Misc.)	F. C. JORDAN
Cleveland Engineering Society—Journal	R. S. WESTON
Dayton Engineers' Club—Publications	A. L. FALES
Engineering Association of the South—Proceedings	A. L. FALES
Engineering and Contracting	A. L. FALES
Engineering News—Record	J. N. CHESTER
Engineers' Club of Philadelphia—Journal	R. S. WESTON
Engineers of St. Louis—Journal	R. S. WESTON
Engineers' Institute of Canada—Journal	R. S. WESTON
Engineers' Society of Western Pennsylvania—Proceedings	J. N. CHESTER
Fire and Water Engineering	F. C. JORDAN
Franklin Institute—Journal	R. S. WESTON
Illinois Society of Engineers—Reports	A. L. FALES

Illinois State Water Survey—Bulletins	A. L. FALES
Indiana Engineering Societies—Proceedings	F. C. JORDAN
Indiana Sanitary and Water Supply Association—Proceedings	F. C. JORDAN
Iowa Engineering Societies—Proceedings	A. L. FALES
Louisiana Engineering Society—Proceedings	A. L. FALES
Mechanical Engineering (Jour. Am. Soc. M. E.)	J. N. CHESTER
Missouri Water Works Association—Journal	J. N. CHESTER
Monthly Weather Review (U. S. Weather Bureau)	A. WOLMAN
Municipal and County Engineering	F. C. JORDAN
Municipal Engineers (N. Y.)—Journal	A. L. FALES
New England Water Works Association—Journal	A. L. FALES
Ohio Engineering Societies—Proceedings	J. N. CHESTER
Ohio State Bd. of Health—Monthly Bulletin	J. N. CHESTER
Ohio Water Works Association—Proceedings	J. N. CHESTER
Pennsylvania Water Works Association—Proceedings	J. N. CHESTER
Public Utility Reports	F. C. JORDAN
Public Works	A. WOLMAN
Southern Engineer (Atlanta)	A. L. FALES
Southwestern Water Works Association—Journal	F. C. JORDAN
State Boards of Health—Reports and Bulletins (Misc.) (excluding Ohio and W. Virginia. J. N. Chester)	A. L. FALES
Universal Engineer (N. Y.)	A. L. FALES
U. S. Bureau of the Census—Statistics	A. L. FALES
U. S. Bureau of Mines—Bulletins, Circulars and Technical Papers	A. WOLMAN
U. S. Bureau of Standards—Bulletins, Circulars, Technical Papers, etc	A. WOLMAN
U. S. Dept. of Agriculture—Bulletins and Circulars	A. WOLMAN
U. S. Public Health Service—Reports, Bulletins and Reprints	A. WOLMAN
U. S. Geological Survey—Water Supply Papers, Bulletins and Circulars	A. WOLMAN
University Bulletins (Misc.)	R. S. WESTON
Utah Society of Engineers—Proceedings	A. L. FALES
Western Society of Engineers—Journal	R. S. WESTON
West Virginia State Bd. of Health Reports	J. N. CHESTER